

LISTING OF CLAIMS

1. (Currently amended) An ablation catheter which comprises:
a guiding catheter; and
an inner catheter disposed within said guiding catheter, said inner catheter comprising an elongated central shaft having a distal end, and an electrode assembly attached to the distal end of said elongated central shaft and having a distal tip, said electrode assembly comprising a catheter tube having a plurality of apertures therethrough, a linear ablation electrode, said linear ablation electrode being continuous and axially elongated relative to its width, a porous tip ablation electrode at said distal tip, and a device for articulating said electrode assembly.
2. (Previously Presented) The catheter of claim 1 wherein said linear electrode is made from a combination of hypodermic tubing and solid wire.
3. (Original) The catheter of claim 1 further comprising monitoring electrodes nonconductively mounted on said linear electrode.
4. (Previously Presented) The catheter of claim 1 wherein the articulating device comprises at least one pull wire attached to a distal end of said electrode assembly.
5. (Previously Presented) The catheter of claim 1 wherein said catheter tube is made from shape memory tubing, thereby allowing said catheter tube to bend to a predetermined shape upon the application of radio frequency energy.
6. (Previously Presented) The catheter of Claim 1, positioned within a lumen of an outer guiding catheter, said guiding catheter having a guiding catheter articulating mechanism.

7. (Currently Amended) An ablation catheter, which catheter comprises:
a flexible plastic catheter tube; and
at least one linear ablation electrode comprising a tubular array of conductive metal strands carried by said catheter tube, which catheter tube has a first steering mechanism; and a guiding catheter having a lumen occupied by said catheter tube ~~ablation catheter~~, said guiding catheter having a second steering mechanism.
8. (Original) The catheter of Claim 7 in which said plastic catheter tube extends through said tubular array of conductive metal strands, said catheter tube defining a plurality of apertures to permit the flow of cooling fluid from the lumen of the catheter tube and through said apertures, to flow among said conductive metal strands.
9. (Original) The catheter of Claim 7 in which a porous second electrode connects with one end of the plastic catheter tube.
10. (Previously Presented) The catheter of claim 7 in which said linear electrode is continuous and axially elongated relative to its width, said electrode being carried at an outer surface of said catheter tube.
11. Canceled.
12. (Previously Presented) The catheter of claim 2 in which said linear electrode comprises a tubular array of conductive metal strands carried by said inner catheter, said inner catheter defining a plurality of apertures to permit the flow of cooling fluid from a lumen of the inner catheter and through said apertures, to flow among said conductive metal strands.
13. (Previously Presented) The catheter of claim 1 in which said linear electrode comprises a tubular array of conductive metal strands carried by said inner

catheter, said inner catheter defining a plurality of apertures to permit the flow of cooling fluid from a lumen of the inner catheter and through said apertures, to flow among said conductive metal strands.

14. (New) The catheter of claim 1 in which said inner catheter has a first steering mechanism and said guiding catheter has a second steering mechanism.

15. (New) The catheter of claim 14 in which said linear electrode comprises a tubular array of connected metal strands carried by said inner catheter, said inner catheter defining a plurality of apertures to permit the flow of cooling fluid from a lumen of the inner catheter and through said apertures, to flow among said conductive metal strands.